**Index of Claims** 

Application/Control No.

10/675,903

Reexamination KARAOGUZ ET AL.

Applicant(s)/Patent under

Examiner

Art Unit

Tri H. Phan

2661

Rejected **Allowed** 

(Through numeral) Cancelled

Non-Elected N

**Appeal** Α

Restricted

Interference

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| Cla                    | im       | n Date  |          |        |                |              |              |          |                 | Cla      | Date |       |          |   |                |          |          | ſ                                     | Cla      | Date         |          |     |     |                 |            |          |                 |          |          |          |          |          |          |                    |
|------------------------|----------|---------|----------|--------|----------------|--------------|--------------|----------|-----------------|----------|------|-------|----------|---|----------------|----------|----------|---------------------------------------|----------|--------------|----------|-----|-----|-----------------|------------|----------|-----------------|----------|----------|----------|----------|----------|----------|--------------------|
|                        |          |         |          |        | Claim          |              |              | Date     |                 |          |      |       |          |   | ŀ              |          |          | † † † † † † † † † † † † † † † † † † † |          |              |          |     |     |                 |            |          |                 |          |          |          |          |          |          |                    |
| Final                  | Original | 7/26/05 | 12/13/05 |        |                |              |              |          |                 |          |      | Final | Original |   |                |          |          |                                       |          |              |          |     |     | Final           | Original   |          |                 |          |          |          |          |          |          |                    |
|                        | 1        | 1       | 1        |        |                | T            |              |          |                 |          |      |       | 51       |   |                |          | 寸        |                                       | T        | 7            |          | 7   | ľ   |                 | 101        |          |                 |          |          |          |          |          |          |                    |
|                        | 2        | 1       | V        |        | <u> </u>       |              | T            | 1        |                 |          | ,    |       | 52       | _   |                | 寸        | $\dashv$ |                                       | T        |              |          | 7   |     |                 | 102        |          |                 |          |          |          |          |          |          |                    |
|                        | 3        | 1       | 1        |        |                | 1            |              |          |                 |          |      |       | 53       |   |                | T        | $\neg$   | 一                                     | $\top$   | T            |          | 7.5 |     |                 | 103        | Г        |                 |          |          |          |          |          |          |                    |
|                        | 4        | 1       | 1        |        |                |              |              |          |                 |          |      |       | 54       |   |                |          |          |                                       |          | T            | Ì        |     |     |                 | 104        |          |                 |          |          |          |          |          |          |                    |
|                        | 5        | 1       | 1        |        |                |              |              |          | П               |          |      |       | 55       |   |                | $\neg$   |          |                                       | $\neg$   | T            |          | 7   |     |                 | 105        |          |                 |          |          |          |          |          |          |                    |
|                        | 6        | 1       | 1        |        |                |              |              |          |                 |          |      |       | 56       |   |                |          |          |                                       |          |              |          | 7   |     |                 | 106        |          |                 |          |          |          |          | П        |          |                    |
|                        | 7        | 1       | 1        |        |                |              |              |          |                 |          |      |       | 57       |   |                |          |          |                                       |          |              |          |     |     |                 | 107        |          |                 |          |          |          |          |          |          |                    |
|                        | 8        | 1       | 1        |        |                |              |              |          |                 |          |      |       | 58       |   |                |          |          |                                       |          |              |          | ]   |     |                 | 108        |          |                 |          |          |          |          |          |          |                    |
|                        | 9        | 1       | ٧        |        |                | L            |              |          |                 |          | 5    |       | 59       |   |                |          |          |                                       |          |              |          |     | ď   |                 | 109        |          |                 |          |          |          |          |          |          |                    |
|                        | 10       | 1       | 1        |        |                |              |              |          |                 |          |      |       | 60       |   |                |          |          |                                       | $\perp$  | $\perp$      |          |     |     |                 | 110        |          |                 |          |          |          |          |          |          |                    |
|                        | 11       | √       | 1        |        |                |              |              |          | Ш               |          | - 5  |       | 61       |   |                |          |          | $\perp$                               |          |              |          |     |     |                 | 111        |          |                 |          |          |          |          |          |          |                    |
|                        | 12       | 1       | 1        |        | <u> </u>       | 乚            |              |          | Ш               |          |      |       | 62       |   |                | [        | [        | _[                                    |          | $\perp$      |          | _   |     |                 | 112        |          |                 |          |          |          |          |          |          |                    |
| Ш                      | 13       | 1       | <b>√</b> |        | L              | <u> </u>     |              | _        | Ш               |          |      |       | 63       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$   | Ш              |          |          |                                       |          | $\perp$      |          | _   | -[  |                 | 113        |          | Ш               |          |          |          | <u> </u> | ]        |          |                    |
|                        | 14       | 1       | 7        |        |                | L            | ļ.,          | _        |                 |          |      |       | 64       |   |                | _        | _        | $\dashv$                              | $\perp$  | $\downarrow$ |          |     |     | :               | 114        |          | Ш               |          |          |          |          |          |          |                    |
|                        | 15       | 1       | 1        |        |                |              |              |          | Ш               |          |      |       | 65       | _   |                |          | 4        | _                                     | $\bot$   | 4            | $\perp$  |     | L   |                 | 115        |          | Ш               |          |          |          |          |          |          |                    |
| $\sqcup$               | 16       | 1       | V        |        |                | L.           | ļ_           | ļ        |                 |          | . 4  |       | 66       | $ldsymbol{ld}}}}}}$ |                | _        | _        | $\dashv$                              | 1        | 4            |          | ].  |     |                 | 116        |          |                 | Ш        |          |          |          |          |          |                    |
|                        | 17       | 1       | 1        |        |                |              | <u> </u>     |          |                 |          | 1    |       | 67       |   |                | _        | _        | _                                     | _        | 4            |          | _   | 7   |                 | 117        |          | Ш               | Ш        |          |          |          |          |          | $\square$          |
|                        | 18       | 1       | 1        |        |                |              | <u> </u>     |          |                 |          | 4    |       | 68       |   | _              | _        |          |                                       | $\perp$  | 4            | _        | 4   |     |                 | 118        |          |                 | Ш        |          |          |          |          |          | L                  |
|                        | 19       | 1       | ٧        |        |                | _            | <u> </u>     |          | Ш               |          | 1    |       | 69       |   | $\Box$         | _        | _        | _                                     | $\perp$  | 4            |          | 4   | -   |                 | 119        |          |                 |          |          |          |          |          |          | $\square$          |
| $\vdash$               | 20       | 1       | 1        |        |                |              |              |          | Ш               |          |      |       | 70       | <u> </u>  |                | _        | _        | 4                                     | 4        | 4            |          | ↲∶  |     |                 | 120        |          | Ш               |          |          |          |          |          |          |                    |
|                        | 21       | 1       | V        |        | _              | <u> </u>     | _            |          | Ш               | _        |      |       | 71       |   |                | _        | _        | _                                     | _        | 4            |          | 4   | ļ   |                 | 121        |          |                 |          |          |          |          | Ц        |          | $ldsymbol{\sqcup}$ |
| $\vdash \vdash$        | 22       | 1       | 1        |        | <u> </u>       | <u> </u>     | <u> </u>     | <u> </u> | $\perp$         |          |      |       | 72       |   |                | -        | _        | _                                     | _        | 4            | $\perp$  | 4   | i.  |                 | 122        |          | Ш               |          |          |          |          |          | _        | Ш                  |
| $\longmapsto$          | 23       | 1       | 1        |        | <u> </u>       | _            | ┞            | <u> </u> | _               | _        |      |       | 73       |   | $\blacksquare$ | _        | _        | _                                     | +        | 4            | +        | 4:  | 1   |                 | 123        |          |                 |          |          |          |          |          |          |                    |
| <b></b>                | 24       | 1       | 1        |        | ļ              | <u> </u>     | <u> </u>     | <u> </u> | $\vdash$        | _        |      |       | 74       |   | _              | _        | _        | 4                                     | 4        | -            |          | 4.  | 1   |                 | 124        |          | Ш               |          |          |          |          |          |          | <u> </u>           |
| $\vdash \vdash \vdash$ | 25       | 1       | 1        | _      |                | <del> </del> | ⊢            | ├        |                 | 4        |      |       | 75       |   |                | _        |          | $\dashv$                              | 4        | 4            | $\perp$  | 4   | 1   |                 | 125        |          |                 |          |          |          |          | _        | _        | <u> </u>           |
| $\vdash \vdash \vdash$ | 26       | 1       | 1        |        | <del> </del> - | ┡            | <del> </del> | H        | -               | $\dashv$ |      |       | 76       | _   |                | -        | $\dashv$ | $\dashv$                              | +        | +            |          | 4   | -   |                 | 126        |          | _               | ;        |          |          |          |          |          | <u> </u>           |
| $\vdash$               | 27       | 1       | 1        |        | _              | ┝            | -            |          |                 | $\dashv$ |      |       | 77       |   | $\dashv$       | -        | $\dashv$ | $\dashv$                              | -        | 4            | -        | 4.  | ٠,  |                 | 127        |          |                 | _        |          |          |          | _        | _        | <u> </u>           |
| $\vdash \vdash \vdash$ | 28<br>29 | 1       | 1        |        |                |              | ├            | H        | -               | $\dashv$ |      |       | 78<br>79 | _   |                |          | -        | $\dashv$                              | +        | +            | -        | 4   | 4   |                 | 128        |          |                 | -        | -        |          |          |          | $\dashv$ |                    |
| $\vdash$               | 30       | 1       | 1        |        |                | ⊢            | ⊢            | ⊬        | $\vdash$        | $\dashv$ |      |       | 80       | _   | $\dashv$       | -        | -        | $\dashv$                              | +        | +            | +        | 4:  |     |                 | 129        |          |                 | _        |          |          |          |          |          | <u> </u>           |
| $\vdash$               | 31       | 1       | 1        |        |                |              |              | H        | $\vdash$        | $\dashv$ |      |       | 81       | _   |                | $\dashv$ | $\dashv$ | $\dashv$                              | -        | 4            | _        | ۱.  | - } |                 | 130        |          |                 | _        |          |          |          | _        | -        | <u> </u>           |
|                        | 32       | •       | -        |        | _              | $\vdash$     | ⊢            | ┢        |                 | $\dashv$ |      |       | 82       |   | $\dashv$       |          | +        |                                       | +        | +            | +        | ┨ . | 1   |                 | 131<br>132 |          |                 |          | -        | _        |          |          | -        | ш                  |
|                        | 33       |         | $\dashv$ |        | $\vdash$       | ⊢            | ┢            | ┝        | -               | ᅱ        |      |       | 83       |   | -              | $\dashv$ | $\dashv$ | -+                                    | +        | +            | +        | ┨:  | ŀ   |                 | 133        |          | $\Box$          |          | -        |          |          | $\dashv$ | -        | H                  |
|                        | 34       |         | $\dashv$ |        |                | $\vdash$     | ┝            |          | $\vdash$        | $\dashv$ |      |       | 84       | Н   | -              | $\dashv$ | $\dashv$ | +                                     |          | +            | +        | ┨   | ŀ   |                 | 134        | _        | -               |          |          |          |          | -        | $\dashv$ | ├─┤                |
|                        | 35       |         | $\dashv$ | -      |                | $\vdash$     |              |          | $\dashv$        | $\dashv$ |      |       | 85       | Н   | $\dashv$       | $\dashv$ | $\dashv$ | ┪                                     |          | +            | +        | -[; | ╌├  |                 | 135        | -        | Н               |          |          |          |          | $\neg$   | $\dashv$ | $\vdash$           |
|                        | 36       |         |          | -      | $\vdash$       | <del> </del> | $\vdash$     | $\vdash$ | $\vdash$        | $\dashv$ |      |       | 86       | $\vdash$  | $\dashv$       | $\dashv$ | $\dashv$ | -+                                    | $\dashv$ | $\dashv$     | +        | 4   | ╁   |                 | 136        | $\vdash$ | $\vdash$        | $\dashv$ | -        |          | $\vdash$ |          | $\dashv$ | $\vdash$           |
|                        | 37       | _       | -        |        |                | ┢            | $\vdash$     | Н        | $\vdash \vdash$ | $\dashv$ |      |       | 87       | $\vdash$  |                | $\dashv$ | $\dashv$ | +                                     | $\dashv$ | +            | +        | ┨.  | 1   |                 | 137        | -        | $\vdash$        | $\dashv$ | -        | -        | $\vdash$ | $\vdash$ | $\dashv$ | $\vdash$           |
|                        | 38       |         |          |        |                | ┪            | Т            | $\vdash$ | $\dashv$        | $\dashv$ |      |       | 88       | $\vdash$  | $\dashv$       | $\dashv$ | +        | $\dashv$                              | $\dashv$ | $\dagger$    | +        | ┪   | 1   |                 | 138        | Н        | $\vdash$        | $\vdash$ | -        | $\vdash$ | $\vdash$ | $\vdash$ | $\dashv$ | -                  |
|                        | 39       | ٦       | $\dashv$ |        |                |              |              | Н        | $\dashv$        | $\dashv$ |      |       | 89       | $\vdash$  | $\dashv$       | -+       | $\dashv$ | $\dashv$                              | 十        | +            | +        | 1   |     |                 | 139        |          | Н               | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\dashv$ | $\vdash$           |
|                        | 40       | ┪       | $\dashv$ |        | -              |              | H            | $\vdash$ | $\vdash \vdash$ | $\dashv$ |      |       | 90       | Н   | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$                              | $\dashv$ | +            | +        | 1   | ŀ   |                 | 140        |          | $\vdash$        | -        |          |          | Н        | $\dashv$ | $\dashv$ | $\vdash$           |
|                        | 41       | _       | 一        |        | -              | <u> </u>     |              | Н        | $\vdash$        | $\dashv$ |      |       | 91       | Н   |                | -        | $\dashv$ | $\dashv$                              | +        | $\forall$    | $\dashv$ | 1   |     |                 | 141        | $\vdash$ | $\vdash \vdash$ | $\vdash$ |          | -        | $\vdash$ | $\dashv$ | $\dashv$ | Н                  |
|                        | 42       | ┪       | 一        |        | Т              |              | t            | Н        | $\vdash$        | ㅓ        | Ì    |       | 92       |   | _              | $\dashv$ | $\dashv$ | $\neg$                                | +        | 十            | _        | 1   | ŀ   |                 | 142        | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$ | $\dashv$ | 一        | Н                  |
|                        | 43       |         | $\neg$   |        |                | Г            | Г            | М        | $\dashv$        | ヿ        |      |       | 93       | Н   | 寸              | 7        | 寸        | $\dashv$                              | +        | $\top$       | $\top$   | 1   | ŀ   | -               | 143        | $\neg$   | $\vdash \vdash$ | $\vdash$ | $\vdash$ | $\neg$   | $\vdash$ |          | $\dashv$ | $\vdash$           |
|                        | 44       |         | 一        | T      |                |              | 1            | П        | $\Box$          | ᅦ        |      |       | 94       |   | $\dashv$       | 寸        | 1        | 寸                                     | ╅        | $\top$       | $\dashv$ | 1   | t   |                 | 144        | $\neg$   | $\vdash$        |          | $\dashv$ | $\neg$   |          |          | $\dashv$ | $\sqcap$           |
|                        | 45       |         |          |        |                |              |              | П        | $\Box$          | ヿ        |      |       | 95       | П   | $\neg$         | 寸        | $\dashv$ | $\neg$                                | $\top$   | $\top$       | $\neg$   | 1   | Ì   |                 | 145        |          | $\vdash$        | $\neg$   | $\dashv$ | $\neg$   |          | $\dashv$ | $\dashv$ | $\sqcap$           |
|                        | 46       |         | $\neg$   | $\neg$ |                | Г            | Г            | П        | $\sqcap$        | $\neg$   |      |       | 96       | П   | 1              |          | $\top$   | $\dashv$                              | $\neg$   | +            |          | ٦   | t   | $\neg \uparrow$ | 146        | _        |                 |          | $\neg$   | $\neg$   | $\neg$   |          | $\neg$   |                    |
|                        | 47       |         |          |        |                |              |              |          |                 |          |      |       | 97       |   |                | $\neg$   | $\neg$   | $\dashv$                              | 十        | 十            |          | 1   | ı   |                 | 147        |          |                 |          |          |          | $\neg$   | $\neg$   | $\neg$   | $\neg$             |
|                        | 48       |         |          |        |                |              |              |          |                 |          |      |       | 98       |   |                | _1       |          |                                       | _        | Ţ            | $\neg$   | 7   | Ì   | $\neg$          | 148        | $\neg$   | $\Box$          |          |          |          |          | 一        | $\neg$   | $\neg$             |
|                        | 49       |         |          |        |                |              |              |          |                 |          | - [  |       | 99       |   |                |          |          |                                       |          |              |          | 7   | Ī   |                 | 149        |          |                 | $\neg$   |          |          | $\Box$   | 7        | ᅥ        | $\neg$             |
|                        | 50       |         |          |        |                |              |              |          |                 |          | - [  |       | 100      |   | $\Box$         |          | $\Box$   | T                                     | T        | T            | $\Box$   | 1   | ſ   |                 | 150        |          |                 |          |          |          |          | $\neg$   | $\dashv$ |                    |